

## ABSTRACT

An automatic storage and retrieval system and a method for operating the system are proposed, in which the automatic storage and retrieval system (AS/RS) is used to connect a user's computer device through a communication network to an AS/RS programmable logic controller (PLC), wherein a user is provided with an identification number and is allowed to login to the AS/RS using the identification number, and a daily required material report is displayed in the user's computer device for allowing the user to select a material from the material report, so as to control the AS/RS PLC to store or retrieve the selected material in the case of the user matching a corresponding storage bin for the selected material in identification number, or else, the material storage or retrieval is inhibited by the AS/RS.